

Learning Objective – to find algebraic expressions for area

Review – expanding brackets

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|------------------|--------------------|------------------|--------------------|------------------|
| $(x + 3)(x + 2)$ | $(x + 5)(x + 2)$ | $(x + 7)(x - 2)$ | $(x + 4)^2$ | $(x - 4)(x - 2)$ |
| $(x + 2)(x - 7)$ | $(x + 1)(x + 0.5)$ | $(x - 5)^2$ | $(3x + 2)(2x + 1)$ | $(5x + 1)^2$ |

Find an expression for the area of the following shapes

